

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/23/2001 Time: 14:23:29

Sample: AD23844
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/23/01 14:22 Ended: 10/23/01 14:22 Analyst: MG
 Page: 1

Component Name	Vol	Result
Other unknown compounds		see comment

Comments for Sample AD23844 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-23-2001 Time: 14:23:40

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D

Vial: 4

Acq On : 17 Oct 2001 4:13 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 12:57 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.77	152	357957	20.00	ug/l	-0.14
19) Naphthalene-d8	15.38	136	1390845	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	651303	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.09	188	936681	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	662623	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	477205	20.00	ug/l	-0.19

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
6) 2-Chlorophenol-d4	11.76	132	106	0.00	ug/l	0.35
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.29	152	3704	0.21	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	0.42%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.81	172	1373	0.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.06%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
8) Phenol	0.00	94	0	N.D.	
9) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
10) 2-Chlorophenol	0.00	128	0	N.D.	
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) 2-Methylphenol	0.00	108	0	N.D.	
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
16) 3&4-Methylphenol	0.00	108	0	N.D.	
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
18) Hexachloroethane	0.00	117	0	N.D.	
21) Nitrobenzene	0.00	77	0	N.D.	
22) Isophorone	0.00	82	0	N.D.	

(#)=qualifier out of range (m)=manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D
 Acq On : 17 Oct 2001 4:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 23 12:57 2001

Vial: 4
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Last Update : Fri Oct 12 09:04:47 2001
 Response via : Initial Calibration
 DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	0.00	128	0	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.		
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	0.00	65	0	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	22.18	149	564	N.D.		
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.09	149	1208	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.12	228	1332	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	649	N.D.		
67) Chrysene	33.12	228	1332	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration
 23844.D NP101901.M Tue Oct 23 12:58:27 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D

Vial: 4

Acq On : 17 Oct 2001 4:13 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 12:57 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.24	252	1627	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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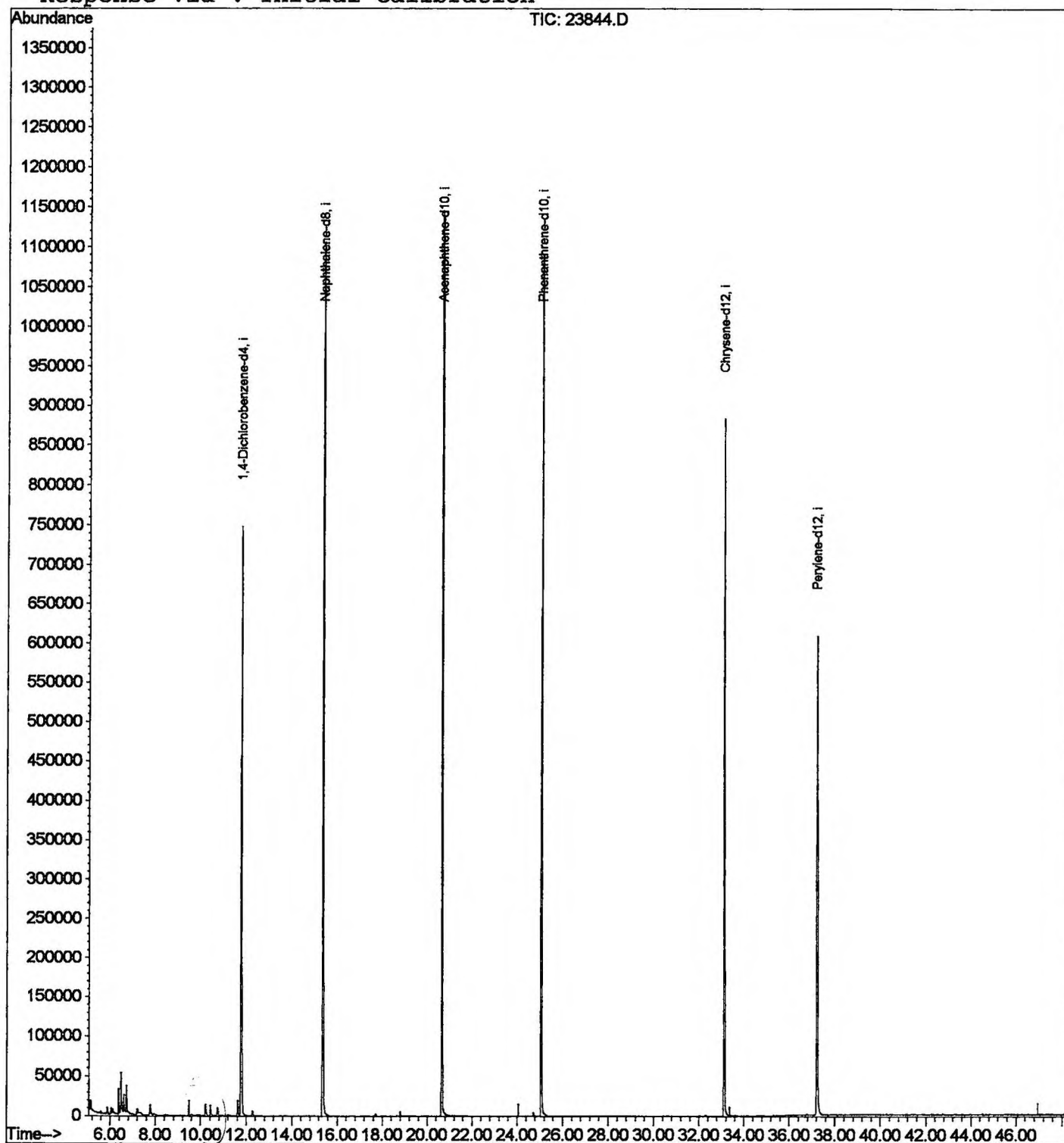
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D
Acq On : 17 Oct 2001 4:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 23 12:57 2001

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D

Acq On : 17 Oct 2001 4:13 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 4

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.379	142	146	152	rBV	32838	60867	2.35%	0.446%
2	6.480	152	157	168	rVV	52907	137028	5.30%	1.004%
3	6.617	168	172	181	rVV	24639	57350	2.22%	0.420%
4	6.728	181	184	199	rVB	35532	80349	3.11%	0.589%
5	7.774	294	298	307	rBV	13111	33794	1.31%	0.248%
6	10.216	558	564	575	rBV2	14855	36382	1.41%	0.267%
7	10.418	583	586	595	rBV	13174	30908	1.19%	0.226%
8	11.621	713	717	727	rBV	20110	49761	1.92%	0.365%
9	11.758	727	732	753	rVV	747850	1876238	72.53%	13.749%
10	15.375	1119	1126	1143	rBV	1105236	2545183	98.39%	18.651%
11	20.654	1694	1701	1717	rBV	1144957	2586949	100.00%	18.957%
12	25.088	2177	2184	2197	rBV	1090149	2395183	92.59%	17.551%
13	33.121	3052	3059	3078	rBV2	884139	2045320	79.06%	14.988%
14	37.234	3499	3507	3528	rBV2	608064	1711307	66.15%	12.540%

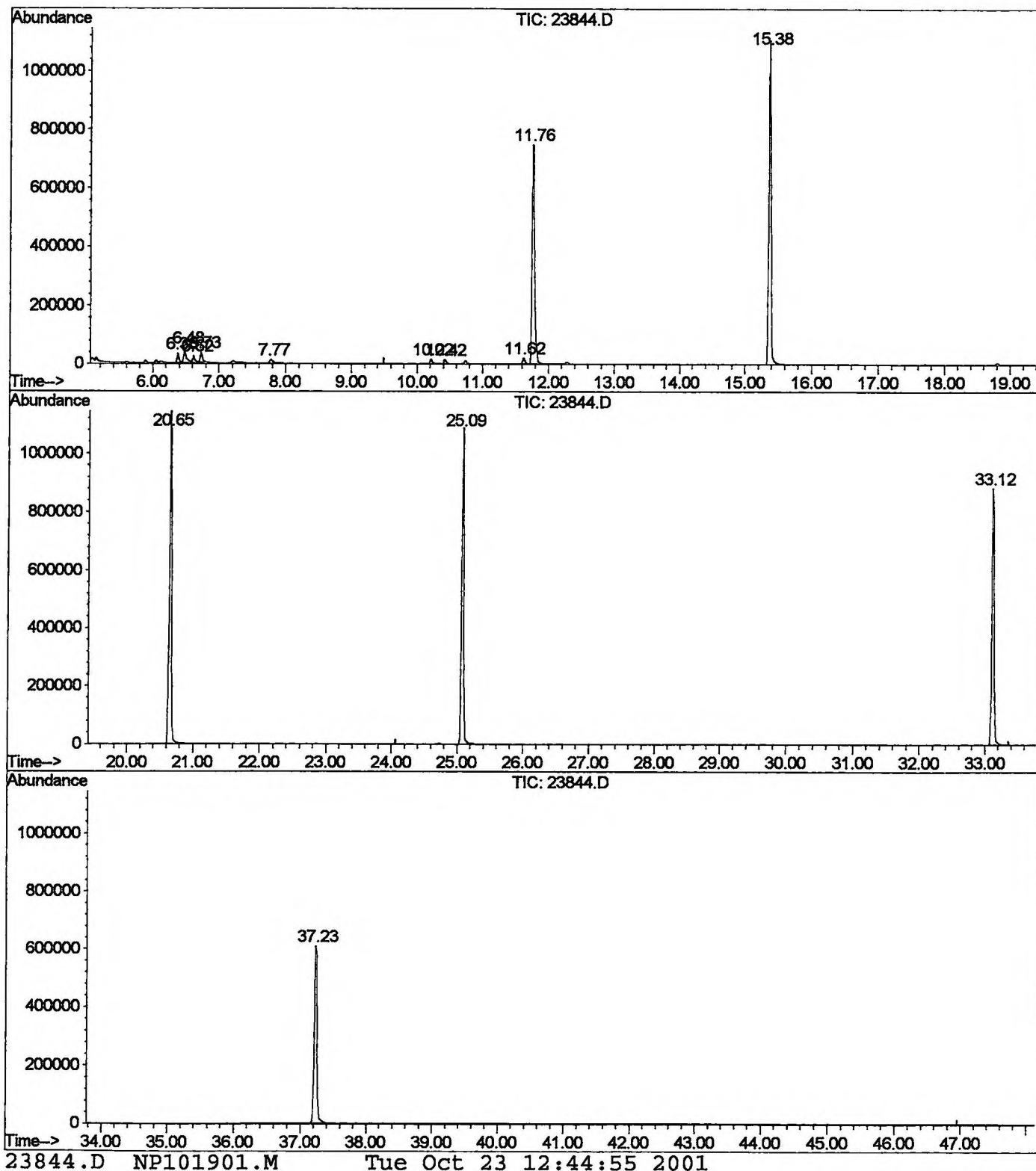
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23844.D NP101901.M

Tue Oct 23 12:44:53 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23844.D
 Operator : 209 GALOS
 Acquired : 17 Oct 2001 4:13 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 4
 Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23844.D
 Acq On : 17 Oct 2001 4:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

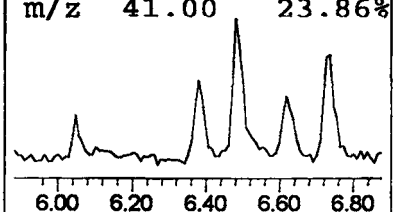
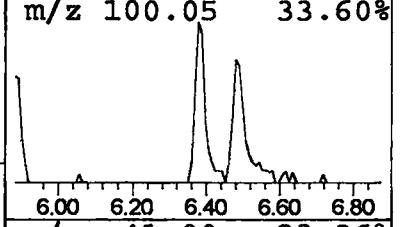
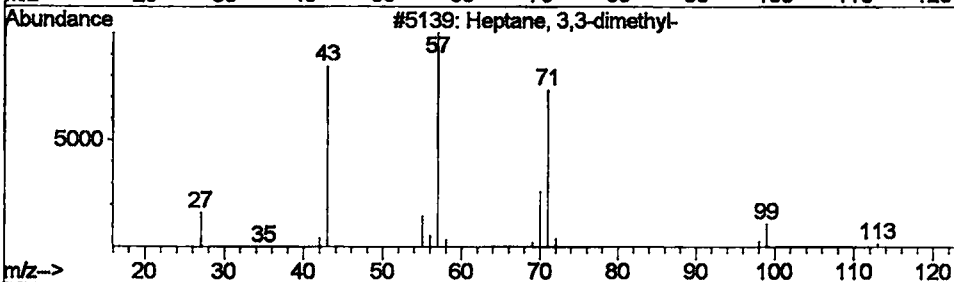
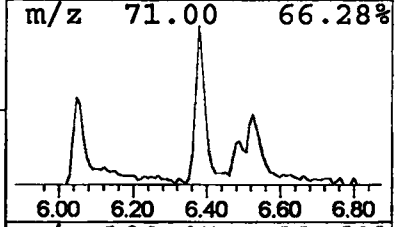
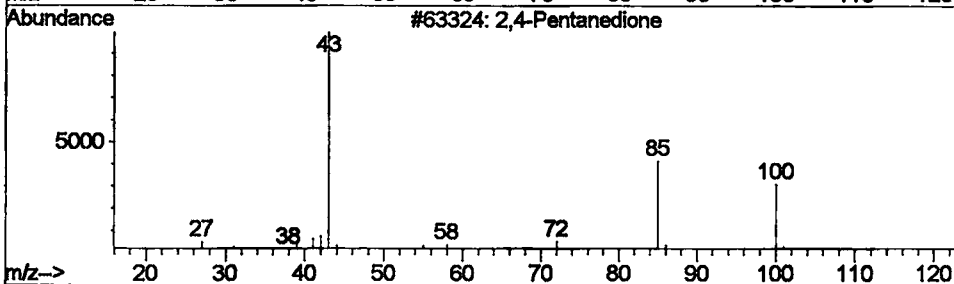
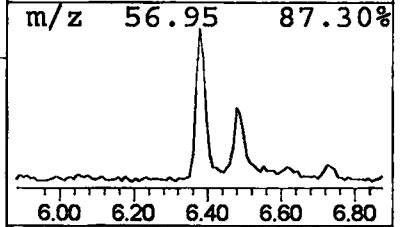
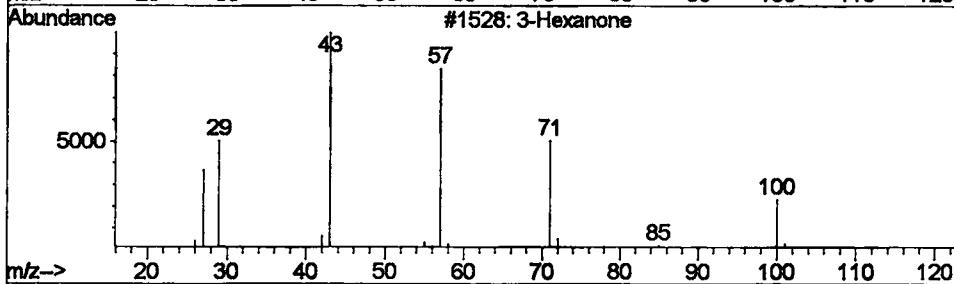
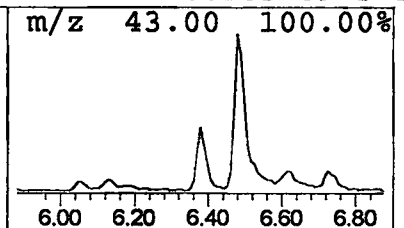
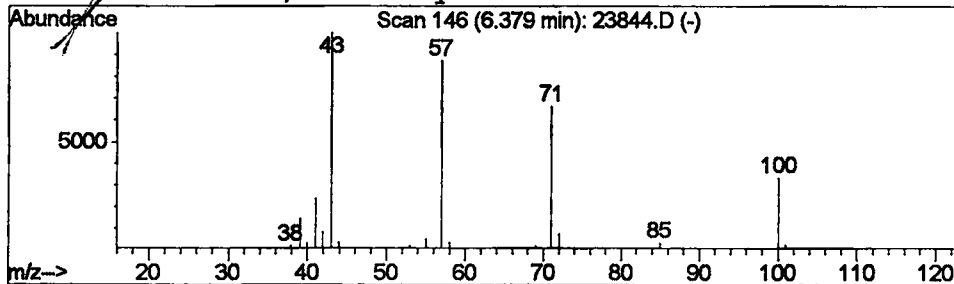
Vial: 4
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.65 ug/l	60867	1,4-Dichlorobenzene-d4	11.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	91
2	2,4-Pentanedione		100	C5H8O2	000123-54-6	43
3	Heptane, 3,3-dimethyl-		128	C9H20	004032-86-4	42
4	3-Pentanone, 2-methyl-		100	C6H12O	000565-69-5	38



Library Search Compound Report

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 Acq On : 17 Oct 2001 4:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

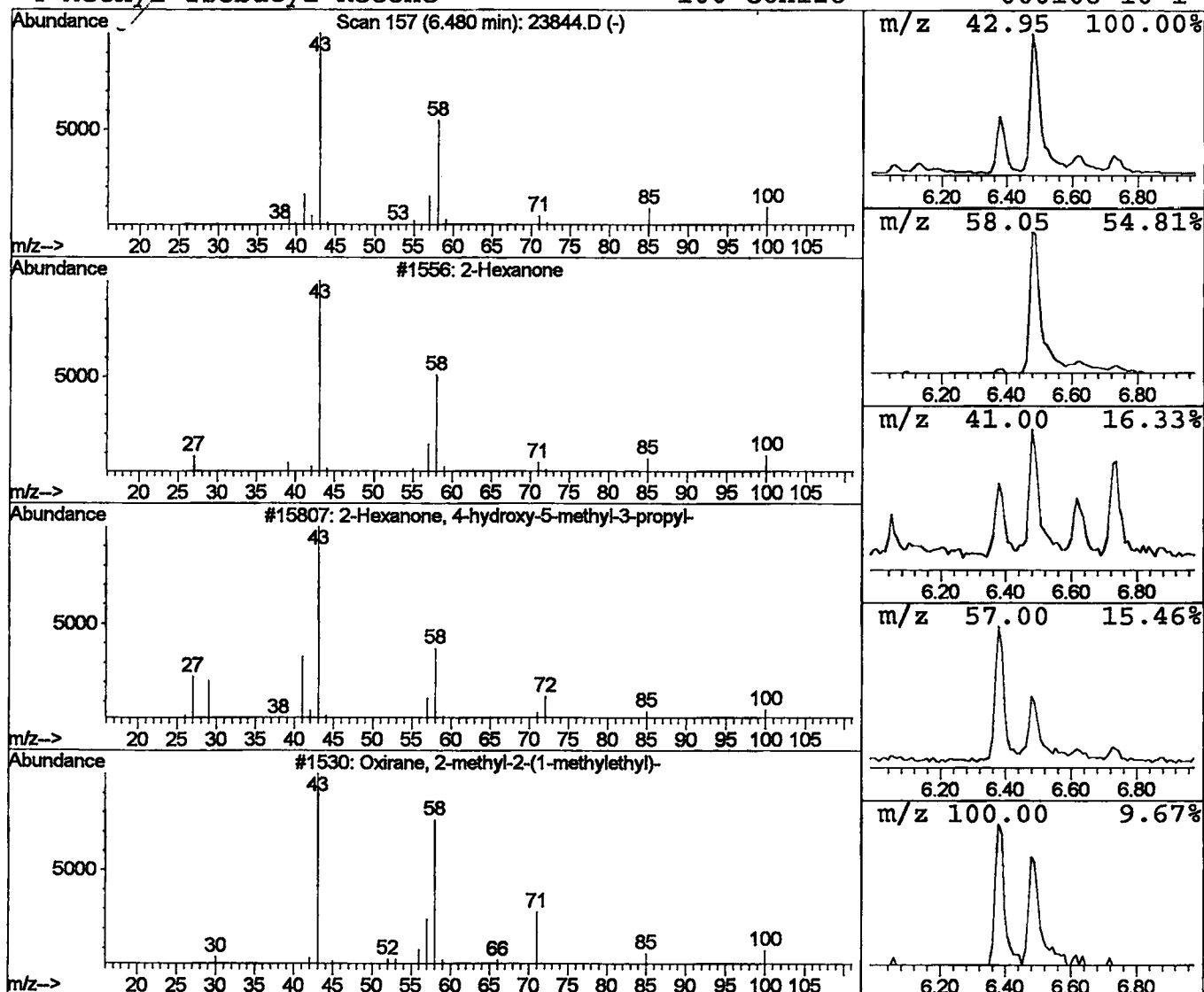
Vial: 4
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.46 ug/l	137028	1,4-Dichlorobenzene-d4	11.77

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	74
3		Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64



Library Search Compound Report

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 Acq On : 17 Oct 2001 4:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

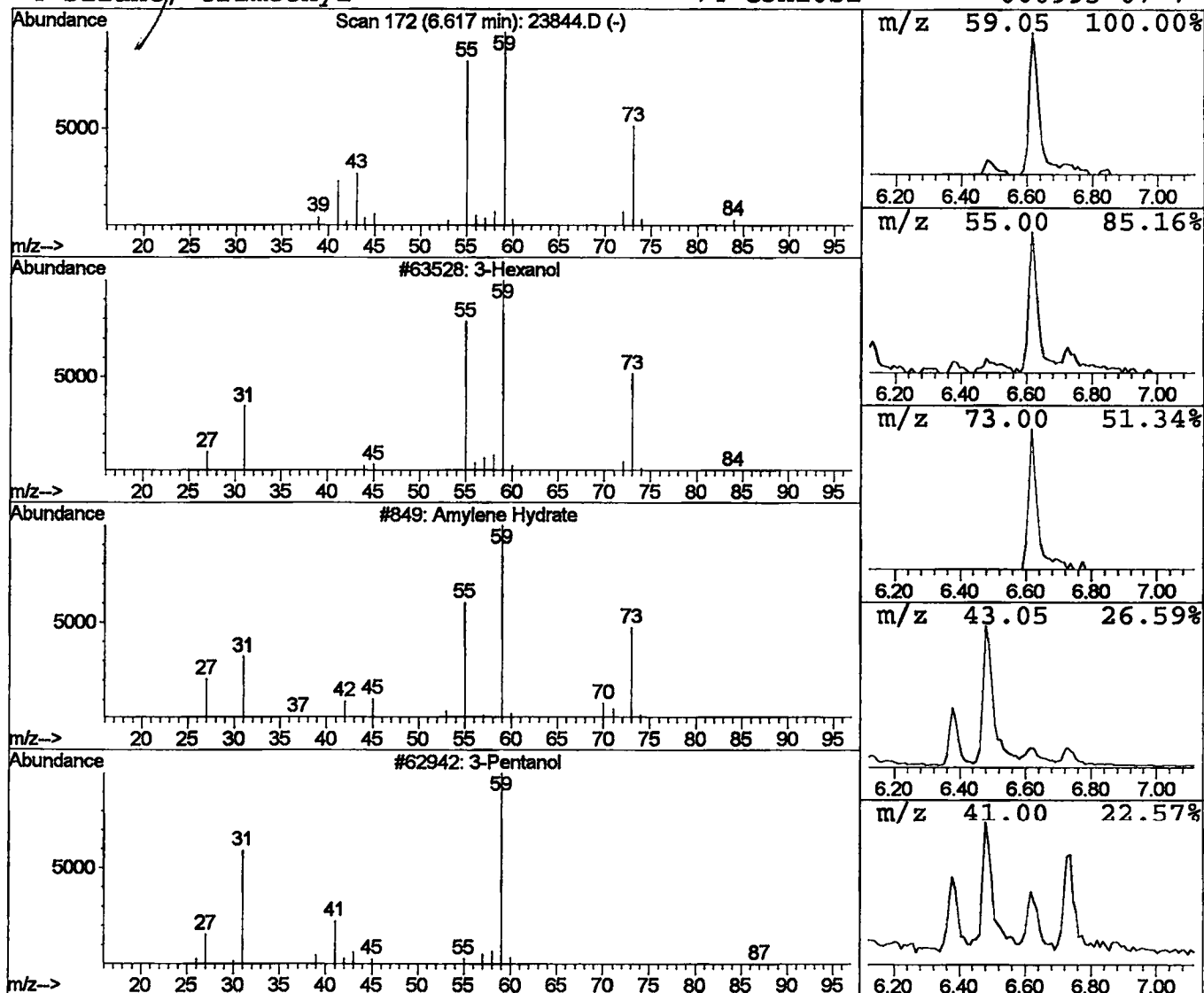
Vial: 4
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 3-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.61 ug/l	57350	1,4-Dichlorobenzene-d4	11.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol		102	C6H14O	000623-37-0	83
2	Amylene Hydrate		88	C5H12O	000075-85-4	40
3	3-Pentanol		88	C5H12O	000584-02-1	36
4	Silane, trimethyl-		74	C3H10Si	000993-07-7	33



Library Search Compound Report

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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

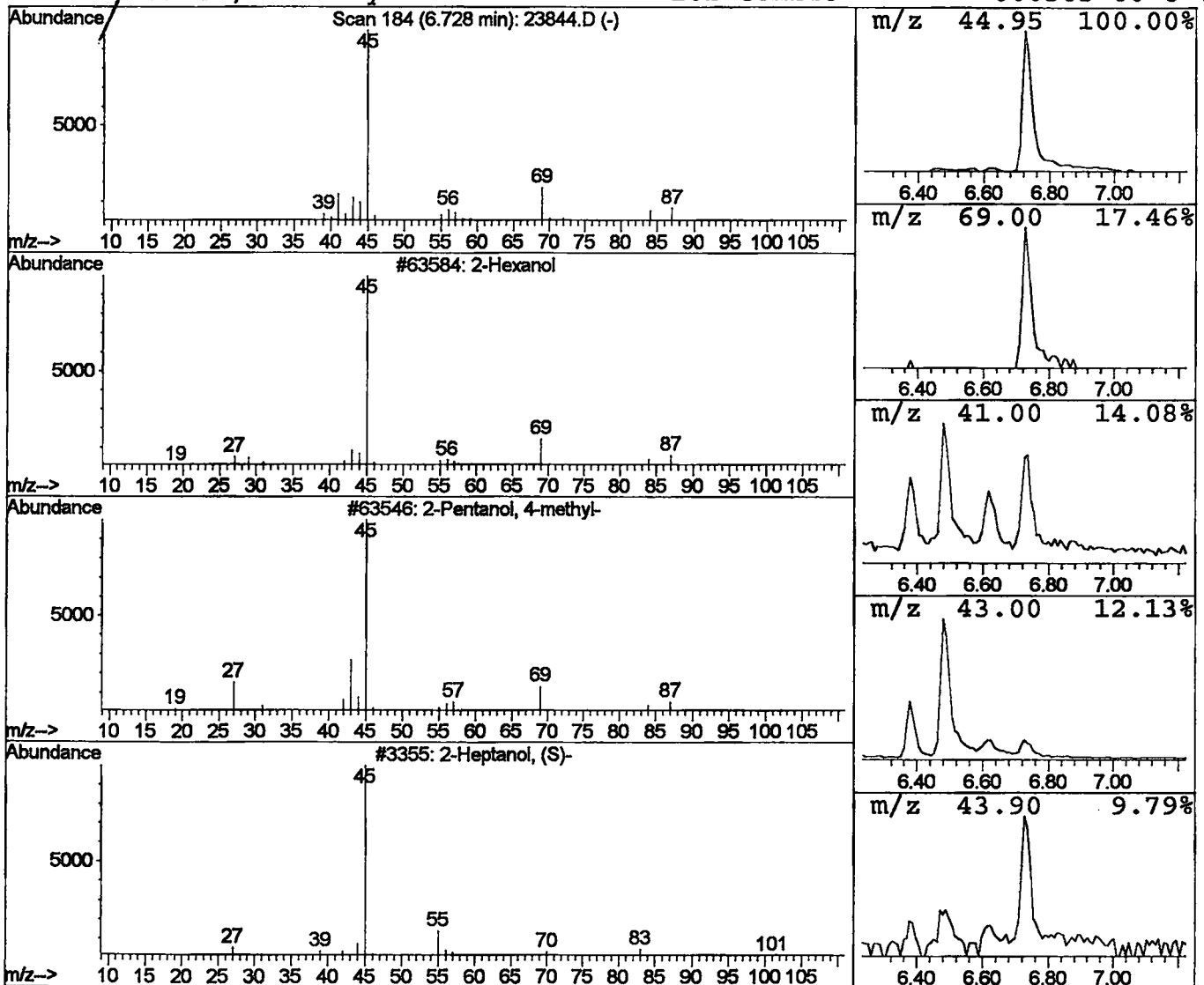
Vial: 4
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 2-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.86 ug/l	80349	1,4-Dichlorobenzene-d4	11.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	78
3	2-Heptanol, (S)-		116	C7H16O	006033-23-4	40
4	2-Pentanol, 3-methyl-		102	C6H14O	000565-60-6	40



Library Search Compound Report

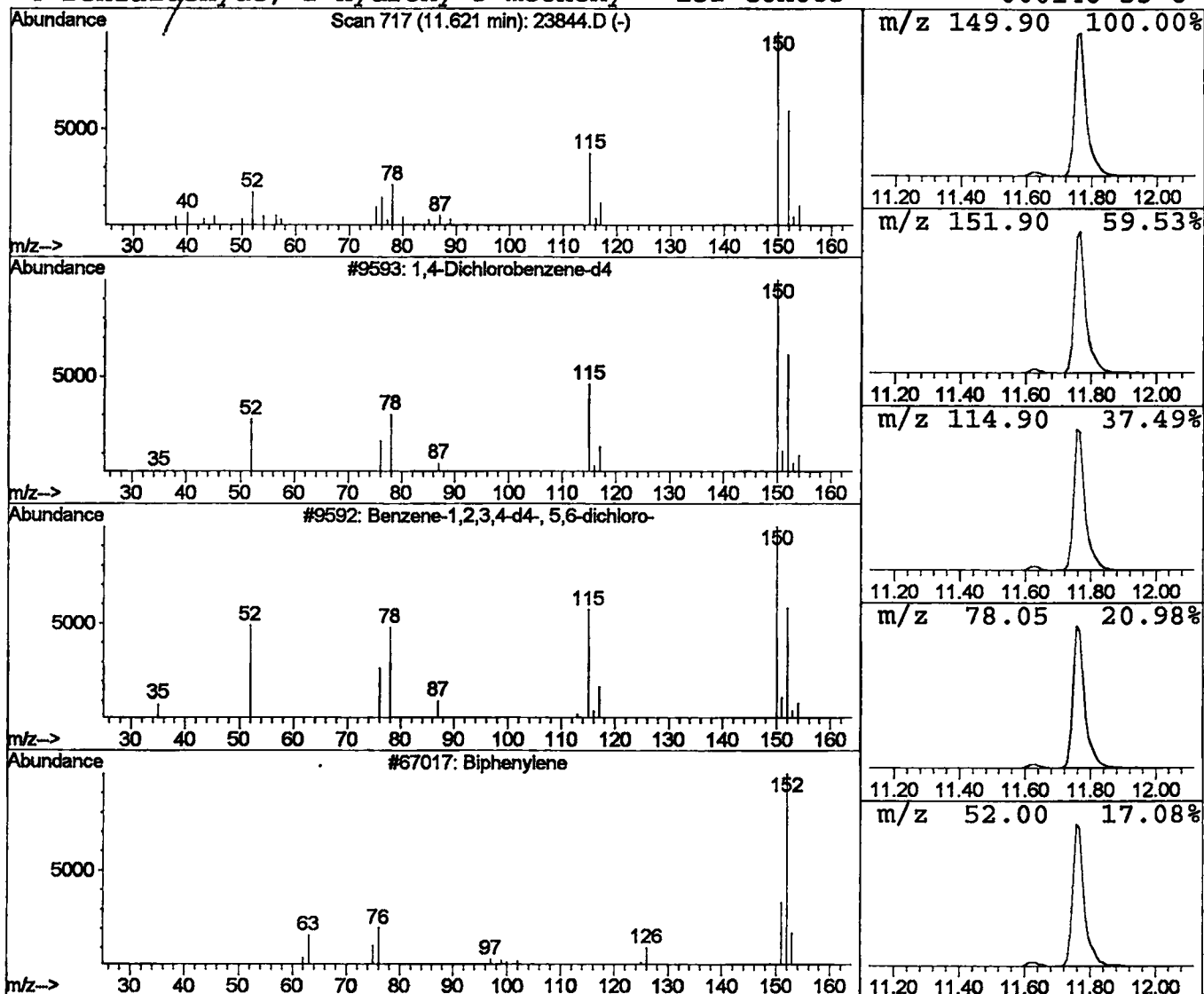
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Acq On : 17 Oct 2001 4:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.62	0.53 ug/l	49761	1,4-Dichlorobenzene-d4	11.77		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	23
3		Biphenylene	152	C12H8	000259-79-0	9
4		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 4:13 pm
Data File: C:\HPCHEM\1\DATA\OCT1701\23844.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.38	0.6	ug/l	60867	ISTD01	11.77	1876240	20.0
2-Hexanone	6.48	1.5	ug/l	137028	ISTD01	11.77	1876240	20.0
3-Hexanol	6.62	0.6	ug/l	57350	ISTD01	11.77	1876240	20.0
2-Hexanol	6.73	0.9	ug/l	80349	ISTD01	11.77	1876240	20.0
1,4-Dichlorobenzene-	11.62	0.5	ug/l	49761	ISTD01	11.77	1876240	20.0

23844.D NP101901.M Tue Oct 23 12:45:09 2001